

THURSDAY, 2 APRIL

- 9:30-9:50am..... **BJD (better just design)**, *Peter Bell, CGS Ltd.*
- 9:50-10:10am..... **A Pilot Wide Azimuth Survey in the Northwest Raudhatain Area, Kuwait**, *Pradyumna Dutta, KOC*
- 10:10-10:40am..... **Coffee Break**
- 10:40-11am..... **3D Wide Azimuth Land Processing in the U.A.E.: A Middle East Case History**, *Ruben Martinez, PGS*
- 11am-11:20am..... **Considerations for Wide-Azimuth 3D Seismic Processing**, *David Gray, CGGVeritas*
- 11:20-11:40am..... **Experience with offset Vector Tile (OVT) PreStack Migration**, *Alexander Calvert, Ion Geophysical*
- 11:40am-12:20pm... **End of Session Discussion**
- 12:20-1:30pm..... **Lunch**, *Fairway Deck*

■ SHEAR WAVE AND AZ. ANALYSIS

- Session Chairmen:** *Michele Buia & Alexander Calvert*
- 1:30-1:50pm..... **Estimation of Shear-Wave Splitting Orientation, Delay and Amplitude Losses for Land 3D**, *Bruno Gratacos, CGGVeritas*
- 1:50-2:10pm..... **Azimuthal Anisotropy as key Indicator of Fractured Reservoir Productivity**, *Erika Angerer, OMV*
- 2:10-2:30pm..... **Multiazimuth Seismic Data Analysis using Directional Attributes**, *William Burnett, UT at Austin*
- 2:30-2:50pm..... **Coffee Break**
- 2:50-3:10pm..... **3-D P-P Reflection Field Data Exhibiting Azimuthal Dispersion**, *Heloise Lynn, Lynn, Inc.*
- 3:10-3:30pm..... **Improve Wide Azimuth Data Images with TTI Anisotropy**, *Dechun Lin, CGGVeritas*
- 3:30-3:50pm..... **Interpreting Azimuthal Phase: KOC High-Fold 3D P-P Field Data Over a Fractured Carbonate Reservoir**, *Heloise Lynn, Lynn, Inc.*
- 3:50-4:30pm..... **End of Session Discussion**

- 5:45-7:00pm..... **Wine Blending**
- 7:00-8:30pm..... **Group Dinner**

FRIDAY, 3 APRIL

■ WAZ DESIGN & IMAGING

Session Chairmen: *Raymond Abma & Etienne Robein*

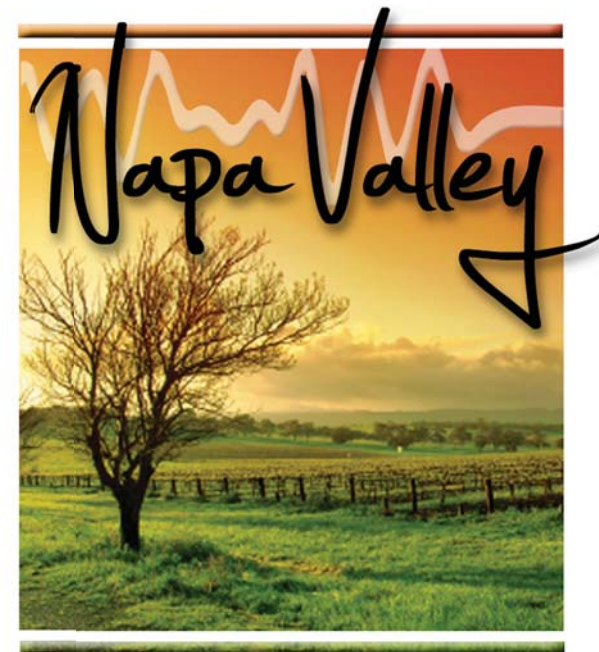
- 7:30-7:50am..... **Breakfast and Session**
- 7:50-8:10am..... **Survey Design and operational aspects of Coil Shooting**, *Gordon Brown, WesternGeco*
- 7:50-8:10am..... **Outcomes from Decimation Test of WATS Datasets from Deep Water Gulf of Mexico**, *Jean-Charles Ferran, CGGVeritas*
- 8:10-8:30am..... **Comparison Between Parallel, Areal, and Circular Geometries for Wide-Azimuth Marine Acquisition**, *Nick Moldoveanu, WesternGeco*
- 8:30-8:50am..... **Depth -Velocity Modeling and Imaging with Azimuthal Anisotropy in onshore Middle Eastern Field**, *Sergey Birdus, CGGVeritas*
- 8:50-9:20am..... **Coffee Break**
- 9:20-9:40am..... **Full Azimuth Angle Domain Imaging and Analysis**, *Zvi Koren, Paradigm*
- 9:40-10am..... **Design of Blended Acquisition**, *Gerrit Blacquiere, Delft University*
- 10-10:20am..... **Resolution of Subsurface Velocity in Wide Azimuth Surveys**, *Dan Kosloff, Paradigm*
- 10:20-10:40am..... **Lessons Learned through Modeling Wide Azimuth Acquisition for a GOM Exploration Problem**, *John Sinton, ConocoPhillips*
- 10:40-11:30am..... **End of Session Discussion**

SEG BUSINESS OFFICE

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Society of Exploration Geophysicists
The international society of applied geophysics



SEG FORUM

New angles on azimuth

30 March–3 April 2009
Napa, California USA

FORUM SCHEDULE

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SEG FORUM SCHEDULE

MONDAY, 30 MARCH

- 3-6:00pm Registration–Silverado East Foyer
6:00-7:30pm Ice Breaker–Vinter's Court, Silverado Resort

TUESDAY, 31 MARCH

- 8-8:30am Breakfast & Registration
Silverado East Ballroom

■ SIMSRC APPLICATIONS

Session Chairmen: Eric Verschuur & Ruben Martinez

- 8:30-8:40am Introduction from Session Leaders
8:40-9:00am Simultaneous Source Technology Overview, Craig Beasley, WesternGeco
9-9:20am 3D Simultaneous Source Field Test with Wide Azimuths, Bill Dragoset, WesternGeco
9:20-9:40am Wide Azimuth Imaging with Simultaneous Sources, Eivind Fromyr, Petroleum Geo-Services
9:40-10am Simultaneous Source Separability Study, Gary Hampson, Chevron
10-10:20am Nonequispaced Fast Discrete Curvelet Transform (NFDCT) for Seismic Data Regularization and Interpolation, Gilles Hennenfent
10:20-10:40am Coffee Break
10:40-11am Simultaneous Sources: A Discussion of Acquisition Strategies, Simon Spitz, CGGVeritas
11:11:20am Impact of Simultaneous Source Separation Noise on High Resolution 4D Interpretation, Joseph Stefani, Chevron
11:20-11:40am Characterization of Current WATS Acquisition Geometries, Gijs J.O. Vermeer, 3DSymSam
11:40am-12:20pm .. End of Session Discussion
12:20-1:40pm Lunch

■ WIDE AZIMUTH CASE HISTORIES

Session Chairmen: Craig Beasley & Gary Hampson

- 1:40-2pm Creating Clearer Images through the Application of Wide Azimuth Technology, Dennis Yanchak, BP
2-2:20pm Complex Imaging, Jerry Kapoor, WesternGeco
2:20-2:40pm The Wide Azimuth Hype Cycle - Peering into the "Crystal" Ball, Nathan Oliver, Petroleum Geo-Services
2:40-3pm Seismic data Quality Improvements and Uses of Multi-Azimuth Data in the Nile Delta, Egypt, Walter Rietveld, BP Egypt
3-3:30pm Coffee Break
3:30-3:50pm The Benefits of Multi-Azimuth Acquisition in a Non-Gulf of Mexico Setting - A Case Study from the Egyptian Mediterranean Sea, Andrew Spedding, Hess
3:50-4:10pm Circular Shooting on Tulip Field: Full Azimuth Streamer Acquisition and Illumination QC, Michele Buia, ENI E&P
4:10-4:30pm Subsalt Derisking for the Development of the Cleaverbank High: from Vintage PSDM to Long Cable DAZ PSDM and WEM, Rob Wervelman, Shell EP Europe
4:30-4:50pm Heidrun, A Full Azimuth Study From the North Sea, Mark Thomson, Statoil Hydro, Presented by Gordon Brown, WesternGeco
4:50-5:30pm End of Session Discussion

WEDNESDAY, 1 APRIL

- 8-8:30am Breakfast, Silverado East Ballroom

■ SIMSRC TECHNOLOGY

Session Chairmen: Joe Stefani & Bill Dragoset

- 8:30-8:40am Introduction from Session Leaders
8:40-8:55am Processing and inversion for simultaneous source acquisition, Ray Abma, BP

- 8:55-9:10am Simultaneous Sources for Wide-Azimuth Geometries, Ian Moore, WesternGeco
9:10-9:25am Zigzag WATS as an Alternative to Current WATS, Gijs J.O. Vermeer 3DSymSam
9:25-9:50am Mini-Session Discussion
9:50-10:05am Simultaneous Sourcing: Separation with Crosstalk Attenuation, Christine Krohn, ExxonMobil Upstream Research
10:05 - 10:20am Source Separation in Emulated OBC Data with Simultaneous Sources, Young Kim, TGS NOPEC Geophysical Company
10:20-10:50am Mini-Session Discussion
10:50-11:10am Coffee Break
11:10-11:25am Least-Squares Migration of Space and Time Encoded Data, Yaxun Tang, Stanford University
11:25-11:40am Estimation of Primaries from Sparse Inversion of Blended Data, Eric Verschuur, Delft University
11:40-11:55am The Promise of Incoherent Shooting, Guus Berkhout, Delft University
11:55am-12:30pm ... End of Session Discussion
free for afternoon

THURSDAY, 2 APRIL

- 8-8:30am Breakfast, Silverado East Ballroom

■ LAND SESSION

Session Chairmen: Sam Gray & Gijs Vermeer

- 8:30-8:50am BJC (better just check), Peter Bell
8:50-9:10am Using Ray Tracing Theory for Wide Azimuth Land Acquisition Design in Colombian Foothills, Juan Carlos Delgado, Universidad of EAFIT Columbia
9:10-9:30am Evolution of Land Acquisition Towards Wide Azimuth – History of Apache in Egypt, David Monk, Apache